

## **Factors that Influence the Learning of Mathematics**

Education emphasizes a few key factors which may influence the learning of mathematics. First, a strong foundation is required because mathematics is a subject that continues to build upon itself and upon prior knowledge. Second, a good understanding of new concepts is required to easily move from one topic to another. Third, having a strong foundation of basic mathematical knowledge, one is able to better retain information if they are able to teach it to someone else. Fourth, thorough practice problems and regular review, which include but are not limited to unit tests and quizzes, allow for a better understanding and create a strong foundation. Finally, to keep students engaged and allow for retention of concepts, lessons should focus on the application of mathematics to real life problems wherever possible. Allowing for fun, useful activities keeps the class involved.